

Appl. No. 10/708,157
Amdt. dated September 26, 2005
Reply to Office action of July 11, 2005

Amendments to the Claims:

Listing of Claims:

1. (currently amended) A plasma display panel comprising:
a plurality of first closed rib units positioned between a front substrate
5 and a rear substrate;
a plurality of first discharge spaces ~~positioned~~ defined between the [[a]]
front substrate, [[and a]] the rear substrate[[;]] and each of the first
closed rib units; and
a plurality of sub-pixel units, each of the first discharge spaces
10 comprising at least two of the sub-pixel units.
2. (original) The plasma display panel of claim 1 wherein the sub-pixel
units comprise a plurality of red sub-pixel units, blue sub-pixel units, and
green sub-pixel units, wherein one of the red sub-pixel units, one of the
15 blue sub-pixel units, and one of the green sub-pixel units together
constitute a pixel unit.
3. (original) The plasma display panel of claim 2 wherein each of the
sub-pixel units comprises a first electrode, a second electrode adjacent to
20 the first electrode, and an addressing electrode opposite to the first
electrode and the second electrode for igniting plasma in each of the
sub-pixel units.
4. (original) The plasma display panel of claim 3 wherein the first
25 electrode and the second electrode of each of the sub-pixel units comprise a
first protruded portion and a second protruded portion respectively, the

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first protruded portion being opposite to the second protruded portion for igniting plasma in each of the sub-pixel units.

5. (canceled)

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6. (canceled)

7. (currently amended) The plasma display panel of claim 16 wherein each of the first closed rib units comprises at least one extended rib for defining each of separating the sub-pixel units in each of the first discharge spaces closed rib units without completely separating the sub-pixel units in the single first discharge space. from each other.

8. (original) The plasma display panel of claim 7 wherein each of the first closed rib units comprises a structure of a hexagonal ring, a quadrilateral ring, or a decagonal ring.

9. (original) The plasma display panel of claim 8 wherein the sub-pixel units of each pixel unit are arranged in a delta.

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10. (original) The plasma display panel of claim 8 wherein the sub-pixel units of each pixel unit are arranged in a line.

11. (currently amended) The plasma display panel of claim 15 further comprising a plurality of second discharge spaces, each of which comprises one of the sub-pixel units.

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12. (original) The plasma display panel of claim 11 further comprising a

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plurality of second closed rib units positioned between the front substrate and the rear substrate.

5 13. (original) The plasma display panel of claim 12 wherein each of the second discharge spaces is defined between the front substrate, the rear substrate, and each of the second closed rib units.

10 14. (original) The plasma display panel of claim 13 wherein each of the second closed rib units comprises a structure of a hexagonal ring or a quadrilateral ring.

15 15. (currently amended) The plasma display panel of claim 1 ~~4~~ further comprising a plurality of waffle structured ribs positioned on the rear substrate and extending along a first direction, wherein the first closed rib units are waffle-structured ribs.

20 16. (original) The plasma display panel of claim 15 wherein each of the first discharge spaces is defined between the front substrate, the rear substrate, and two adjacent waffle-structured ribs.

17. (currently amended) The plasma display panel of claim 16 further comprising a plurality of second discharge spaces, each of which comprises only one of the sub-pixel units.

25 18. (currently amended) The plasma display panel of claim 17 wherein each of the waffle-structured ribs comprises a plurality of third closed rib units that are arranged in a matrix.

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19. (original) The plasma display panel of claim 18 wherein each of the second discharge spaces is defined between the front substrate, the rear substrate, and each of the third closed rib units.
- 5 20. (original) The plasma display panel of claim 19 wherein the sub-pixel units of each pixel unit are arranged in a line.
21. (canceled)
- 10 22. (canceled)
23. (canceled)
24. (canceled)
- 15 25. (new) A plasma display panel comprising:
a plurality of bar-like ribs positioned on a rear substrate and extending along a first direction; and
a plurality of first discharge spaces respectively having a plurality of
20 first regions and a plurality of second regions defined between a front substrate, the rear substrate, and two adjacent bar-like ribs, and each of the first regions comprises two sub-pixel units.
- 25 26. (new) The plasma display panel of claim 25 wherein the first regions and the second regions are interlaced.
27. (new) The plasma display panel of claim 25 wherein the first regions are larger than the second regions.

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28. (new) The plasma display panel of claim 25 wherein the sub-pixel units of each pixel unit are arranged in a delta.